

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US00/33253

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :A63F 13/00

US CL :463/37

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 463/36, 37; 273/143B; 345/156, 159

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,689,285 A (<i>ASHER</i>) 18 NOVEMBER 1997 (18.11.1997), columns 3-7.	1-12
Y	US 5,510,812 A (<i>O'MARA et al.</i>) 23 APRIL 1996 (23.04.1996), column 2 lines 27-38.	1-12
A	US 5,764,219 A (<i>RUTLEDGE et al.</i>) 09 JUNE 1998 (09.06.1998).	1-12



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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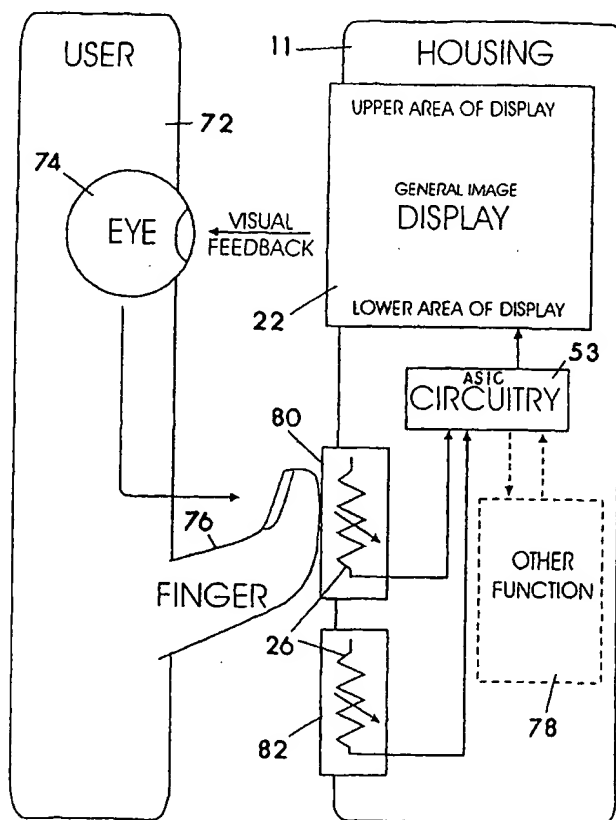
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(72) Inventor: ARMSTRONG, Brad, A. [US/US]; P.O. Box 2048, Carson City, NV 89702 (US).
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[Continued on next page]

(54) Title: ANALOG CONTROLS FOR KITCHEN APPLIANCES



(57) Abstract: In an electronic device, a combination of an electronic visual display (22) on a housing (11) and electronic control circuitry (53) in the housing, the housing having at least one human user depressible surface (80, 82) with associated analog pressure-sensitive element (26) for output of a signal of variable value utilized by the control circuitry to control or manipulate one or more functions of the device. The one analog pressure-sensitive element(s) receives pressure applied by a user's finger (76) or thumb to the depressible surface, varied pressure applied by the user determines varied value of the signal. The resultant control manipulation from the analog variable value is in some manner indicated on the display at least at the time of manipulation so that the user receives visual feedback allowing termination, increase or decrease, if needed or desired, of finger pressure on the depressible surface of the analog sensor.

WO 01/85289 A1